



Serial/Patent No.: 10/039,618
Filing Date: 1/4/02
Atty Docket: SPLX.P0049
Applicant(s): Steven Teig

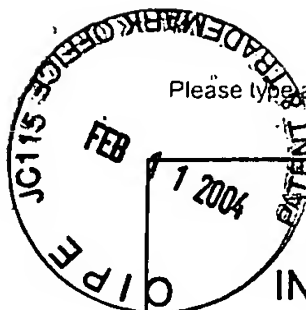
Atty/Secy: MA/sl
Date Mailed: 4/23/2003

TITLE: Method and Apparatus for Generating Routes for Groups of Node Configurations.

The following has been received by the U.S. Patent & Trademark Office on the date stamped hereon:

1. Transmittal Form
2. Information Disclosure Statement (2 pages)
3. Form PTO-1449 (5 pages)
4. (87) cited references





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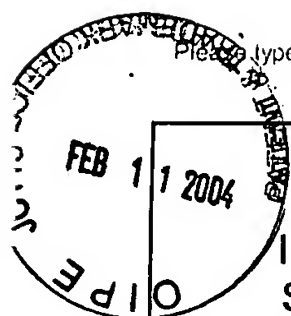
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number	10/039,618
				Filing Date	1/4/02
				First Named Inventor	Steven Teig
				Group Art Unit	2811
				Examiner Name	
Sheet	1	of	1	Attorney Docket Number	SPLX.P0049

U.S. PATENT DOCUMENTS						
Examiner* Initials	Cite No. ¹	U.S. Patent Document Number	Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1.	2001/ 0003843	A1	Scepanovic et al.	06-14-01	
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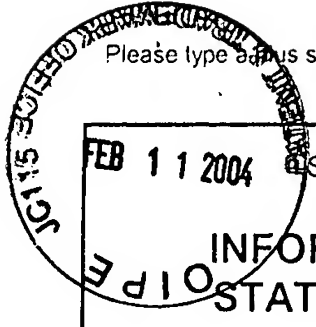
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Sheet	3	of	3	Attorney Docket Number	SPLX.P0049

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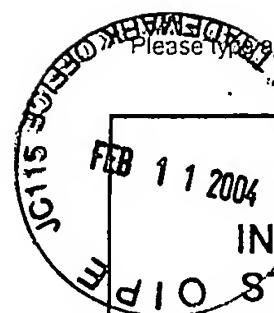
Examiner Initials	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁵
		Office ²	Number ³	Kind Code (if known) ⁴				
	55.	JP	64-15947		Ouchi	01-19-89		
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				<p>Attorney Docket Number SPLX.P0049</p>	

NON PATENT LITERATURE DOCUMENTS

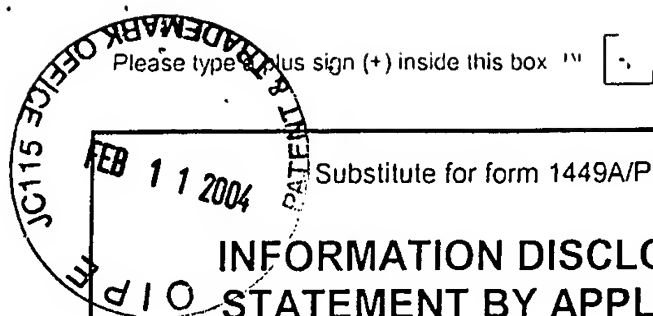
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
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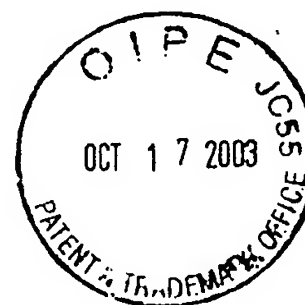
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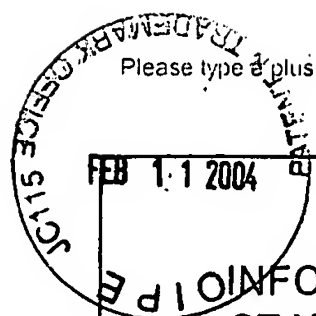
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RELATED U.S. PATENT DOCUMENTS

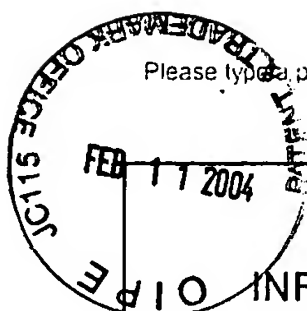
Examiner Initials	Cite No. ¹	U.S. Patent Document Number	Date of filing MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Related Application Data
	1.	2003/0079193	12-07-2001	Steven Teig et al.	Application with some of the same parent provisional and non-provisional applications.
	2.	2003/0018947	12-07-2001	Steven Teig et al.	Application with some of the same parent provisional and non-provisional applications.
	3.	2002/0147958	10-19-2001	Steven Teig et al.	Parent application per preliminary amendment dated 2/19/03.
	4.	2003/0063614	01-04-2002	Steven Teig et al.	Application with some of the same parent provisional and non-provisional applications.
	5.	2003/0063568	01-04-2002	Steven Teig et al.	Application with some of the same parent provisional and non-provisional applications.
	6.	2003/0101428 S/N 10/040,915	01-05-2002	Steven Teig et al.	Application with some of the same parent provisional and non-provisional applications.
	7.	Preliminary Amendment S/N 10/040,915	01-05-2002	Steven Teig et al.	This Preliminary Amendment is submitted as the publication 2003/0101428 does not accurately reflect the claims of S/N 10/040,915.
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	12.	2003/0023943 S/N 10/040,954	01-05-2002	Steven Teig et al.	Application with some of the same parent provisional and non-provisional applications.

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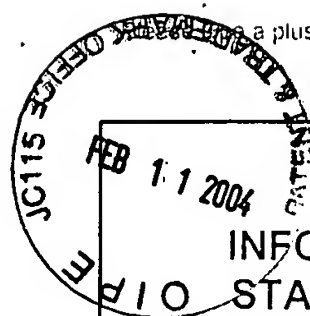
RELATED U.S. PATENT DOCUMENTS						
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14.	2003/0066042 S/N 10/040,963	01-05-2002	Steven Teig et al.	Application with some of the same parent provisional and non-provisional applications.		
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19.	Preliminary Amendment S/N 10/041,957	01-07-2002	Steven Teig et al.	This Preliminary Amendment is submitted as the publication 2003/0088844 does not accurately reflect the claims of S/N 10/041,957.		
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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number	10/039,618
				Filing Date	1/4/02
				First Named Inventor	Steven Teig
				Group Art Unit	2811
				Examiner Name	
Sheet	3	of	4	Attorney Docket Number	SPLX.P0049

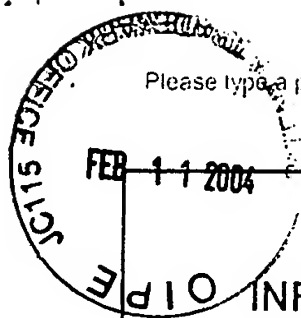
RELATED U.S. PATENT DOCUMENTS					
25.	Preliminary Amendment S/N 10/047,982	01-14-002	Steven Teig et al.	This Preliminary Amendment is submitted as the publication 2003/0056187 does not accurately reflect the claims of S/N 10/047,982	
26.	2003/0066044	01-13-2002	Steven Teig et al.	Application with some of the same parent provisional and non-provisional applications.	
27.	2003/0066045	01-13-2002	Steven Teig et al.	Application with some of the same parent provisional and non-provisional applications.	
28.	2003/0088845 S/N 10/047,978	01-13-2002	Steven Teig et al.	CIP of the present application per the preliminary amendment dated 2/19/03.	
29.	Preliminary Amendment S/N 10/047,978	01-13-2002	Steven Teig et al.	This Preliminary Amendment is submitted as the publication 2003/0088845 does not accurately reflect the claims of S/N 10/047,978.	
30.	2002/0133798	12-06-2000	Steven Teig et al.	Application regarding related placement technology.	
31.	2002/0100007	12-06-2200	Steven Teig et al.	Application regarding related placement technology.	
32.	2002/0073390 S/N 09/737,210	12-13-2000	Steven Teig et al.	Application regarding related placement technology.	
33.	Preliminary Amendment S/N 09/737,210	12-13-2000	Steven Teig et al.	This Preliminary Amendment is submitted as the publication 2002/0073390 does not accurately reflect the claims of S/N 09/737,210	
34.	S/N 09/737,220	12-13-2000	Steven Teig et al.	Application regarding related placement technology.	
35.	S/N 09/737,245	12-13-2000	Steven Teig et al.	Application regarding related placement technology.	
36.	S/N 09/739,460	12-15-2000	Steven Teig et al.	Application regarding related placement technology.	
37.	2002/0124231 S/N 09/739,580	12-15-2000	Steven Teig et al.	Application regarding related placement technology.	
38.	Preliminary Amendment S/N 09/739,580	12-15-2000	Steven Teig et al.	This Preliminary Amendment is submitted as the publication 2002/0124231 does not accurately reflect the claims of S/N 09/739,580.	

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				Group Art Unit	2811
				Examiner Name	
Sheet	4	of	4	Attorney Docket Number	SPLX.P0049

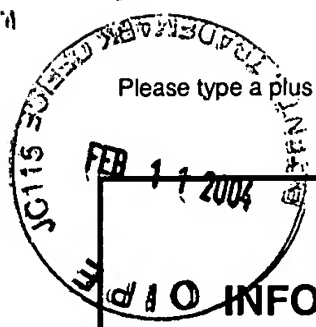
RELATED U.S. PATENT DOCUMENTS						
	39.	S/N 09/739,589		12-15-2000	Steven Teig et al.	Application regarding related placement technology.
	40.	S/N 09/742,171		12-19-2000	Steven Teig et al.	Application regarding related placement technology.
	41.	2003/0121015 S/N 09/745,067		12-19-2000	Steven Teig et al.	Application regarding related placement technology.
	42.	Preliminary Amendment S/N 09/745,067		12-19-2000	Steven Teig et al.	This Preliminary Amendment is submitted as the publication 2003/0121015 does not accurately reflect the claims of S/N 09/745,067.
	43.	2002/0069397		01-13-2002	Steven Teig et al.	Application regarding related placement technology.
	44.	2002/0170027		02-20-2002	Steven Teig et al.	Application regarding related placement technology.
	45.	2002/0157075		02-20-2002	Steven Teig et al.	Application regarding related placement technology.
	46.	2003/0088841 S/N 10/329,241		12-23-2002	Steven Teig et al.	Application regarding related placement technology.
	47.	Preliminary Amendment S/N 10/329,241		12-23-2002	Steven Teig et al.	This Preliminary Amendment is submitted as the publication 2003/0088841 does not accurately reflect the claims of S/N 10/329,241.

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				Group Art Unit	2825
				Examiner Name	Lin, Sun J.
Sheet	1	of	7	Attorney Docket Number	SPLX.P0049

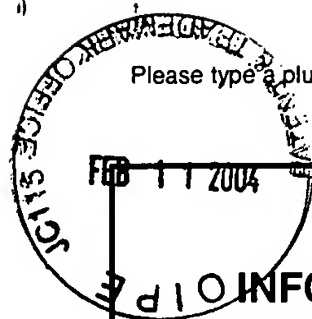
U.S. PATENT DOCUMENTS						
Examiner* Initials	Cite No. ¹	U.S. Patent Document		Date of Publication MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
	1.	2001/0009 031	A1	07-19-2001	Nitta et al.	
	2.	2002/0182 844	A1	12-05-2002	Igarashi et al.	
	3.	2003/0005 399	A1	01-02-2003	Igarashi et al.	
	4.	5,267,176		11-30-1993	Antreich et al.	
	5.	5,566,078		10-15-1996	Ding et al.	
	6.	5,618,744		04-08-1997	Suzuki et al.	
	7.	5,635,736		06-03-1997	Funaki et al.	
	8.	5,637,920		06-10-1997	Loo	
	9.	5,640,327		06-17-1997	Ting	
	10.	5,663,891		09-02-1997	Bamji et al.	
	11.	5,757,089		05-26-1998	Ishizuka	
	12.	5,784,289		07-21-1998	Wang	
	13.	5,838,583		11-17-1998	Varadarajan et al.	
	14.	5,889,677		03-30-1999	Yasuda et al.	
	15.	5,980,093		11-09-1999	Jones et al.	
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	17.	6,128,767		10-03-2000	Chapman	
	18.	6,150,193		11-21-2000	Glenn	
	19.	6,209,123	B1	03-27-2001	Maziasz et al.	
	20.	6,219,832	B1	04-17-2001	Buzbee	

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				Examiner Name	Lin, Sun J.
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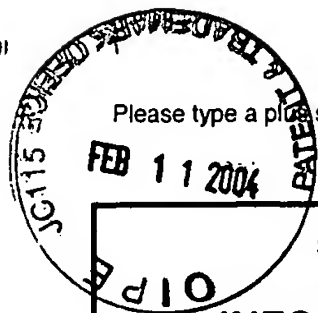
U.S. PATENT DOCUMENTS						
	21.	6,226,560	B1	05-01-2001	Hama et al.	
	22.	6,249,902	B1	06-19-2001	Igusa et al.	
	23.	6,253,363	B1	06-26-2001	Gasarov et al.	
	24.	6,307,256		10-23-2001	Chiang et al.	
	25.	6,316,838	B1	11-13-2001	Ozawa et al.	
	26.	6,324,674	B2	11-27-2001	Andreev et al.	
	27.	6,324,675	B1	11-27-2001	Dutta et al.	
	28.	6,327,693	B1	12-04-2001	Cheng et al.	
	29.	6,330,707	B1	12-11-2001	Shinomiya et al.	
	30.	6,407,434	B1	06-18-2002	Rostoker et al.	
	31.	6,415,422	B1	07-02-2002	Mehrotra et al.	
	32.	6,442,743	B1	08-27-2002	Sarrafzadeh et al.	
	33.	6,448,591	B1	09-10-2002	Juengling	
	34.	6,473,891	B1	10-29-2002	Shively	
	35.	6,480,991	B1	11-12-2002	Cho et al.	
	36.	6,519,751	B2	02-11-2003	Sriram et al.	
	37.	6,543,043	B1	04-01-2003	Wang et al.	
	38.	6,546,540	B1	04-08-2003	Igarashi et al.	
	39.	6,557,145	B2	04-29-2003	Boyle et al.	
	40.	6,567,967	B2	05-20-2003	Greidinger et al.	

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Sheet	3	of	7	Attorney Docket Number	SPLX.P0049

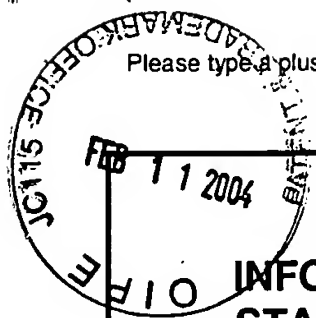
FOREIGN PATENT DOCUMENTS								
Examiner* Initials	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code (if known)				
	41.	JP	411296560	A	Matsumoto et al.	10-29-1999	with English translation of Abstract;	
	42.	JP	2000-82743	A	Igarashi et al.	03-21-2000	with Japanese Patent Office's English translation of Abstract; and with English translation of the application.	✓
	43.	JP	H03-173471	A	Tawada et al.	07-26-1991	with Japanese Patent Office's English translation of Abstract; and with English translation of the application.	✓
	44.	JP	H05-243379	A	Masako Kubota	09-21-1993	with Japanese Patent Office's English translation of Abstract; and with English translation of the application.	✓
	45.	JP	H05-102305	A	Akihiro Sato	04-23-1993	with Japanese Patent Office's English translation of Abstract; and with English translation of the application.	✓
	46.	JP	H07-86407	A	Shinpei Miura	03-31-1995	with Japanese Patent Office's English translation of Abstract; and with English translation of the application.	✓

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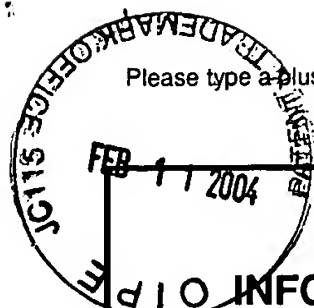
FOREIGN PATENT DOCUMENTS								
	47.	JP	H09-162279	A	Masaaki Yoshida	06-20-1997	with Japanese Patent Office's English translation of Abstract; and with English translation of the application.	✓

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Sheet	5	of	7	Attorney Docket Number	SPLX.P0049

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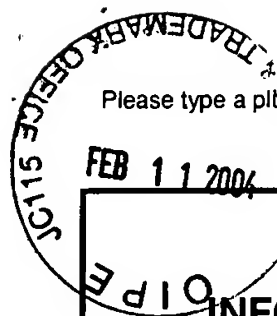
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	48.	Ahuja, R. et al., Faster Algorithms for the Shortest Path Problem, Journal of the Association for Computing Machinery, vol. 37, No. 2, April 1990, pp. 213-223.	
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Applicati n Number	10/039,618
				Filing Date	1/4/02
				First Named Inventor	Steven Teig
				Group Art Unit	2825
				Examiner Name	Lin, Sun J.
Sheet	6	of	7	Attorney Docket Number	SPLX.P0049

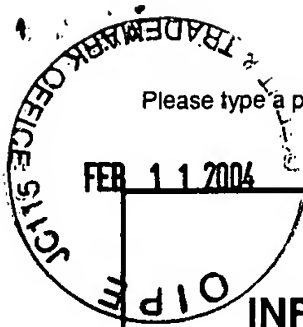
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				Filing Dat	1/4/02
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				Group Art Unit	2825
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